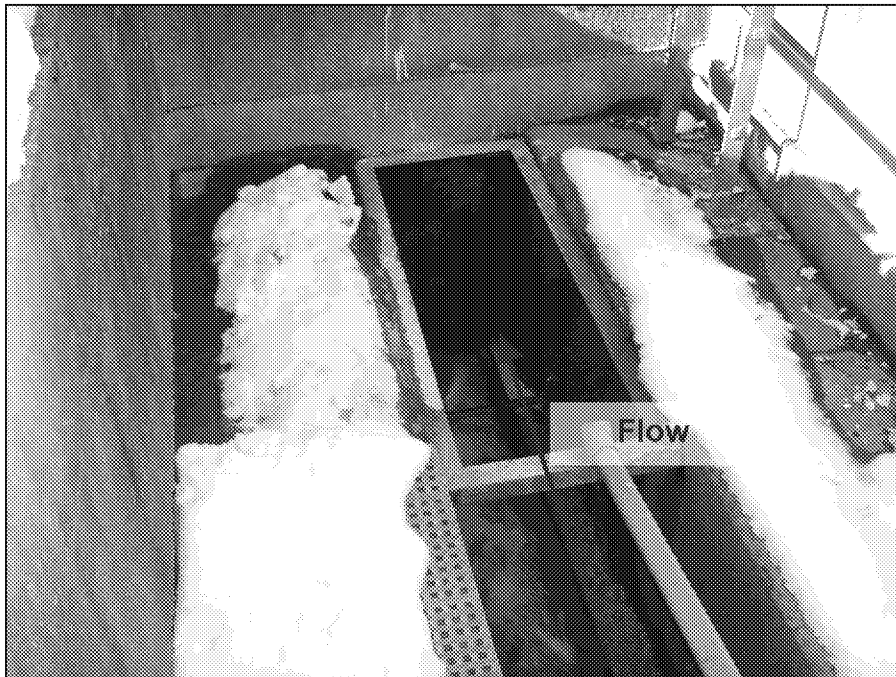


## **Appendix A**

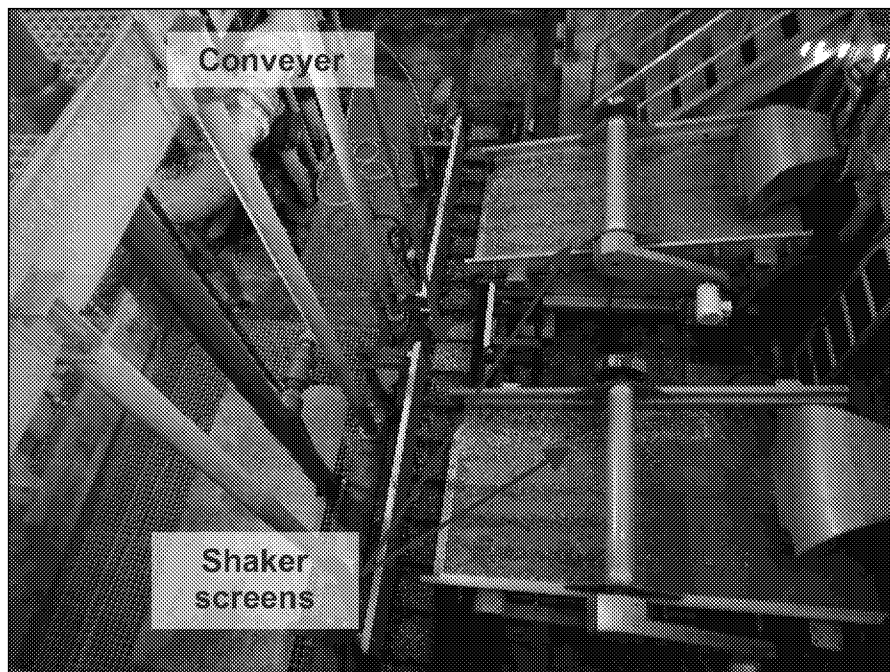
### **Photograph Log**



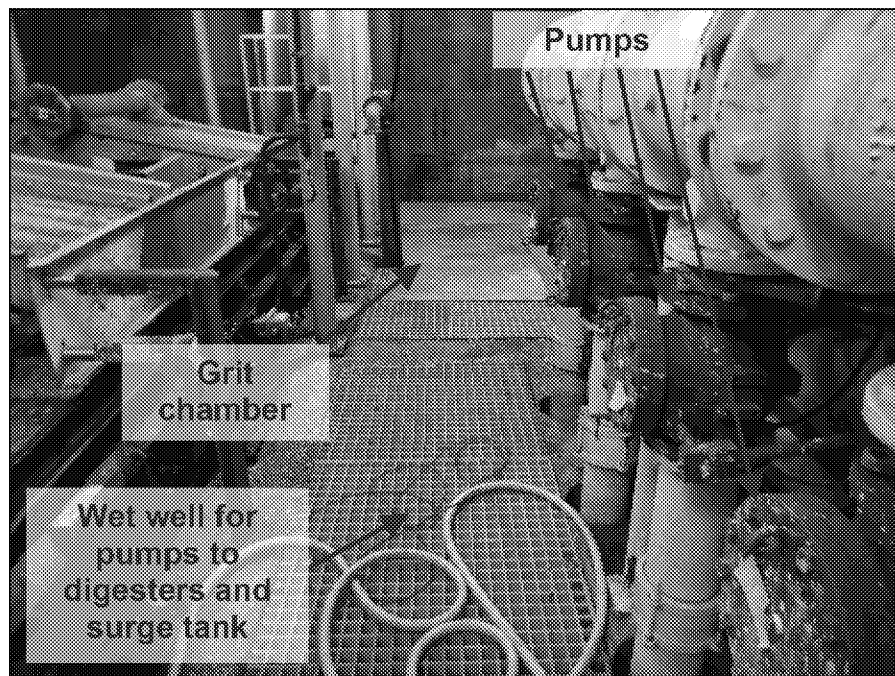
**Photograph 1.** View of the Hanover Foods plant sign.



**Photograph 2.** View of the process wastewater collection pit. Wastewater flows into the headworks building from the pit.



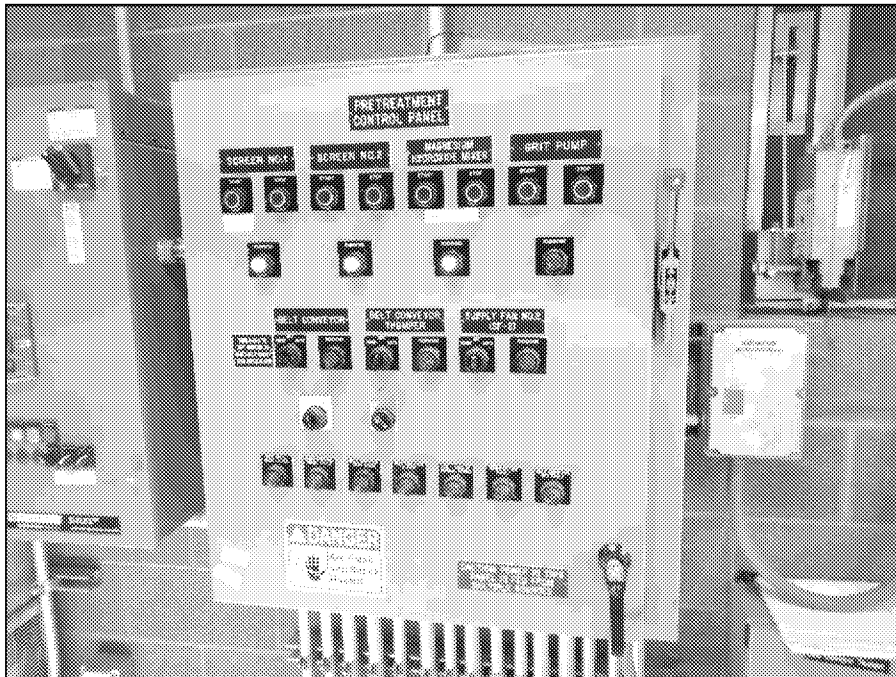
**Photograph 3.** View of the shaker screens and screenings conveyor inside the headworks building. Note that a significant amount of product is conveyed to the headworks along with process wastewater. Screenings are captured and stored at the solids storage pad.



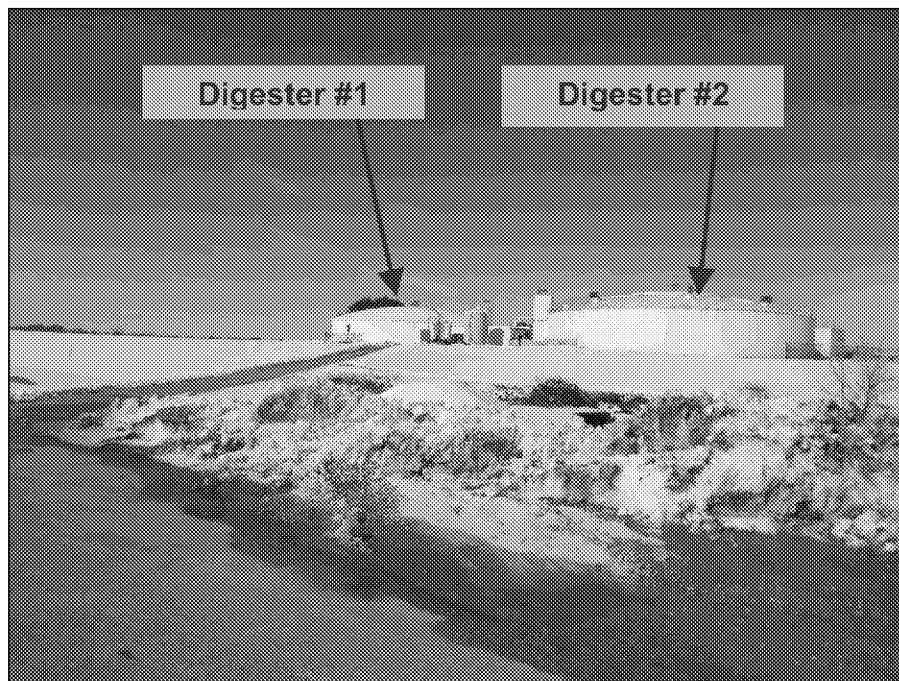
**Photograph 4.** View of the grit chamber and influent pumps wet well. Three pumps were installed to send flow to the digesters and one pump could be used for pumping wastewater to the surge tank if needed.



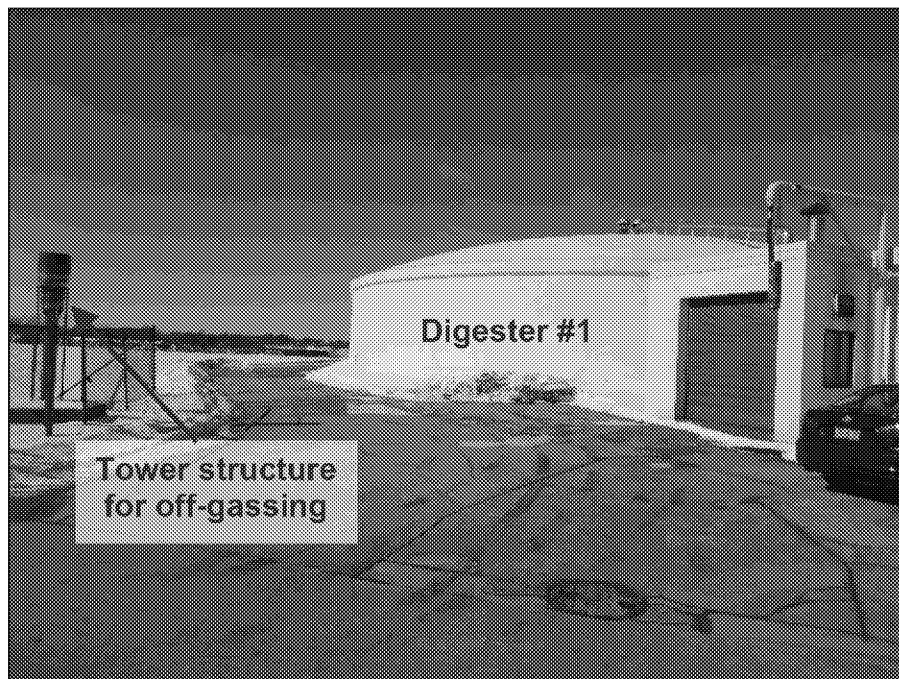
**Photograph 5.** View facing south of the solids storage pad in the eastern portion of the property. The pad was mostly empty at the time of the inspection.



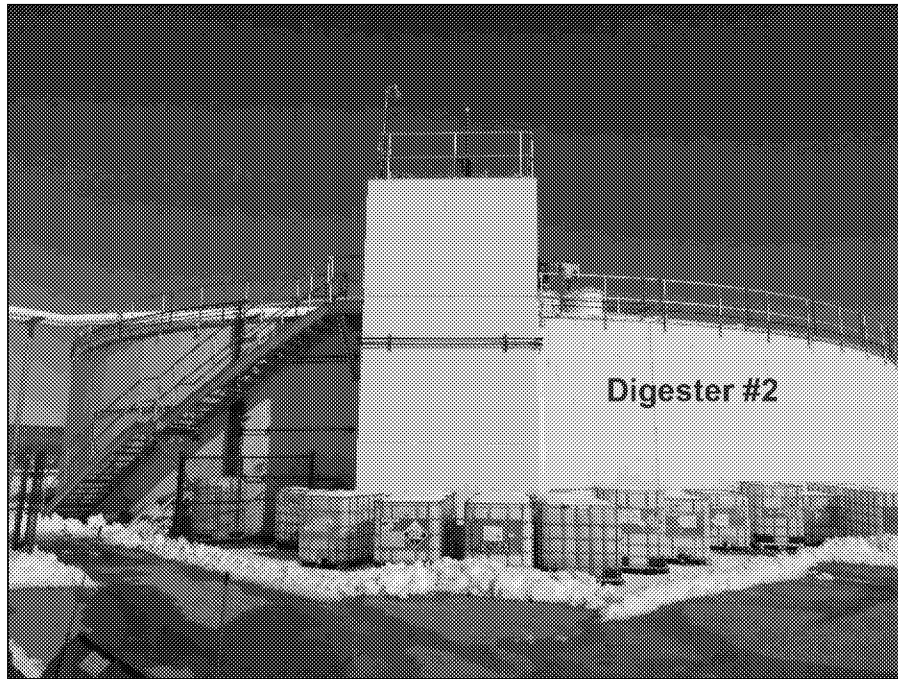
**Photograph 6.** View of the headworks control panel. Note that the shaker screens and MgOH mixer were running at the time of the inspection.



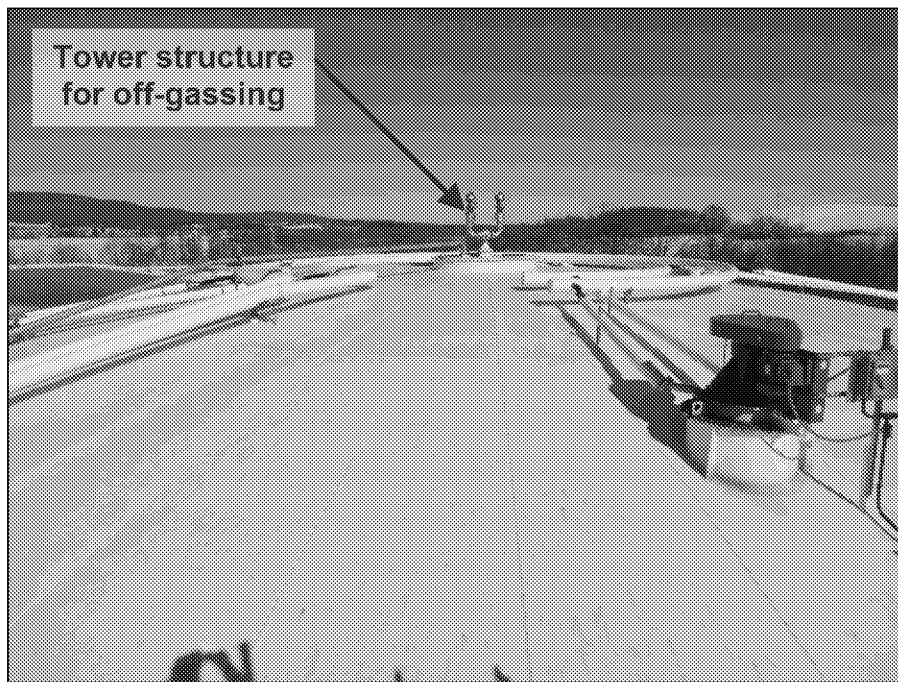
**Photograph 7.** View facing northwest of the anaerobic digesters.



**Photograph 8.** View of facing northwest of digester #1.



**Photograph 9.** View of facing northeast of Digester #2. Empty chemical totes were stored in front awaiting pickup.



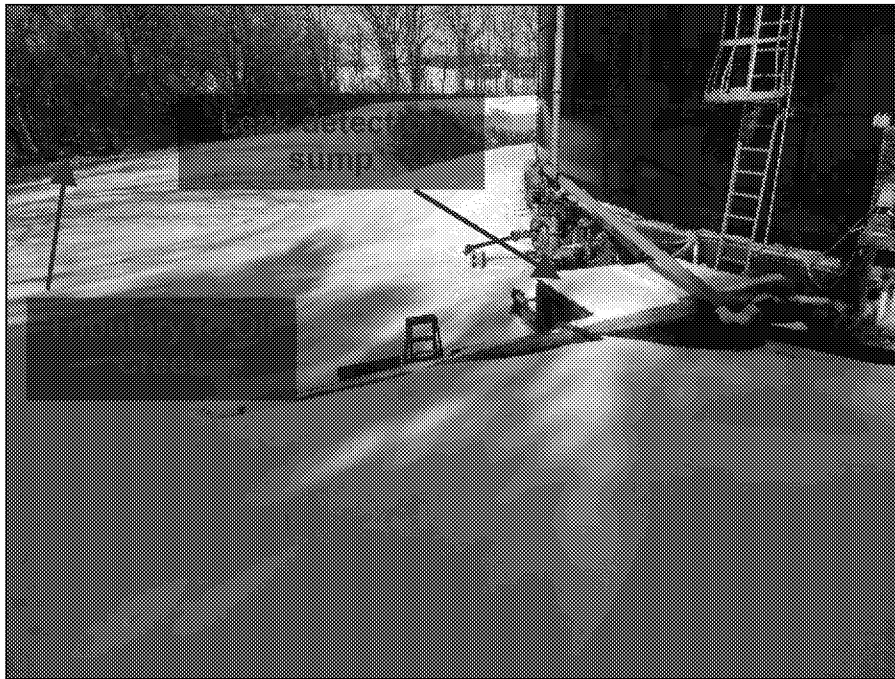
**Photograph 10.** View of the roof of Digester #2.



**Photograph 11.** View of 500,000-gallon surge tank.



**Photograph 12.** View facing northeast of the slurry tank. Note brown staining down the sides.



**Photograph 13.** Alternate view of the slurry tank. Note the leak detection sump and the proximity to the tributary to Oil Creek.



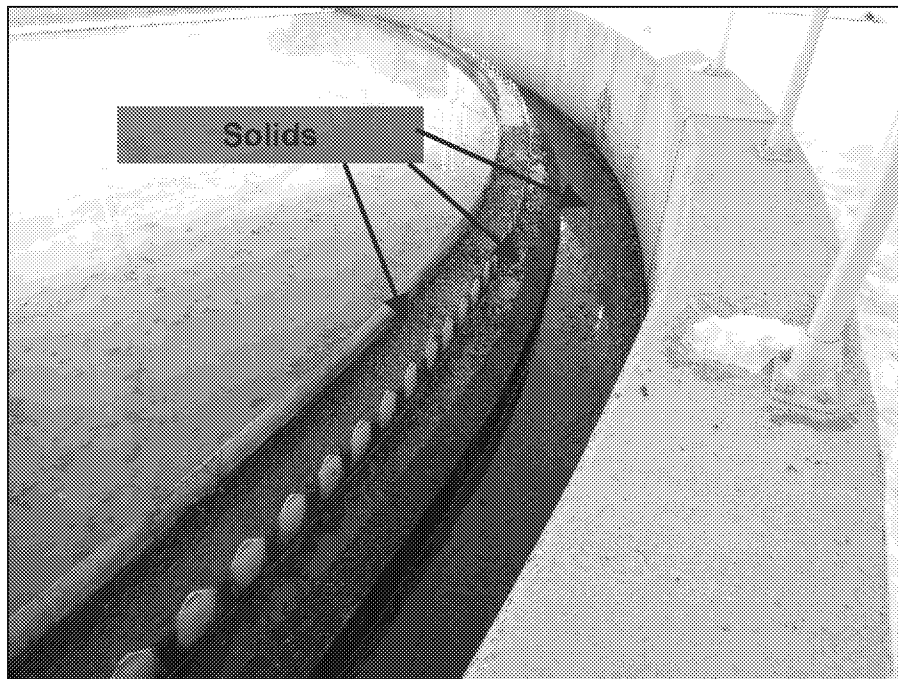
**Photograph 14.** View facing north of Clarifiers #1 and #2 and the clarifier splitter box for those units.



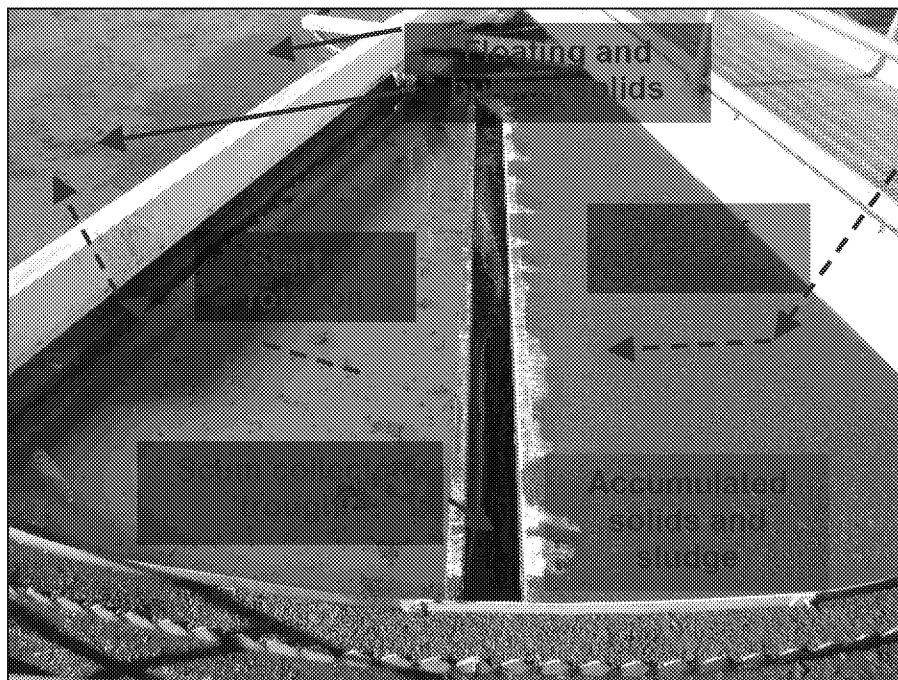
**Photograph 15.** View facing northeast of Clarifiers #2, #3, and #4.



**Photograph 16.** View of Clarifier #3. Note that a significant amount of floating and bulking solids was observed.



**Photograph 17.** View of solids on both sides of the Clarifier #3 weir and in the effluent trough.



**Photograph 18.** Additional view of Clarifier #3. Note the floating and bulking solids at the beginning of the skimmer arm rotation and the thick accumulated solids and sludge at the end of the rotation.



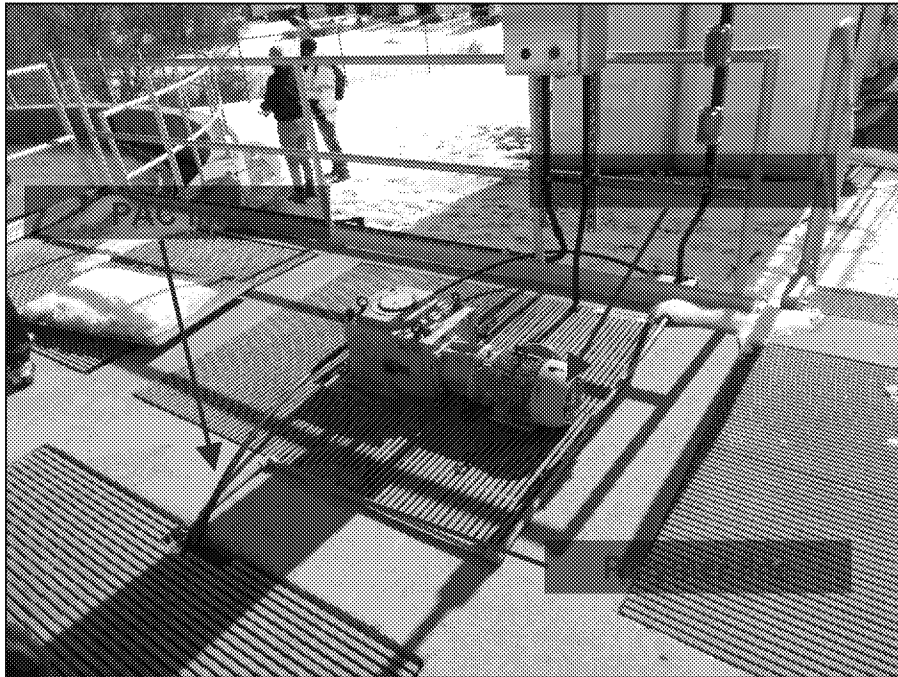
**Photograph 19.** View of Clarifier #3, near the end of the skimmer arm rotation. Note the dense accumulation of solids and sludge in the tank.



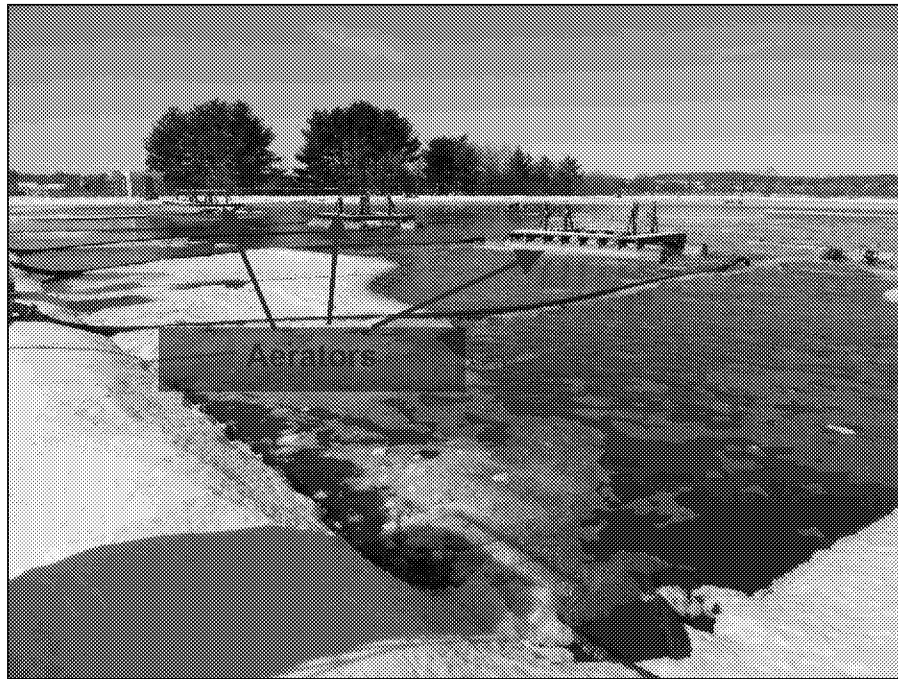
**Photograph 20.** View of floating and bulking solids in Clarifier #4.



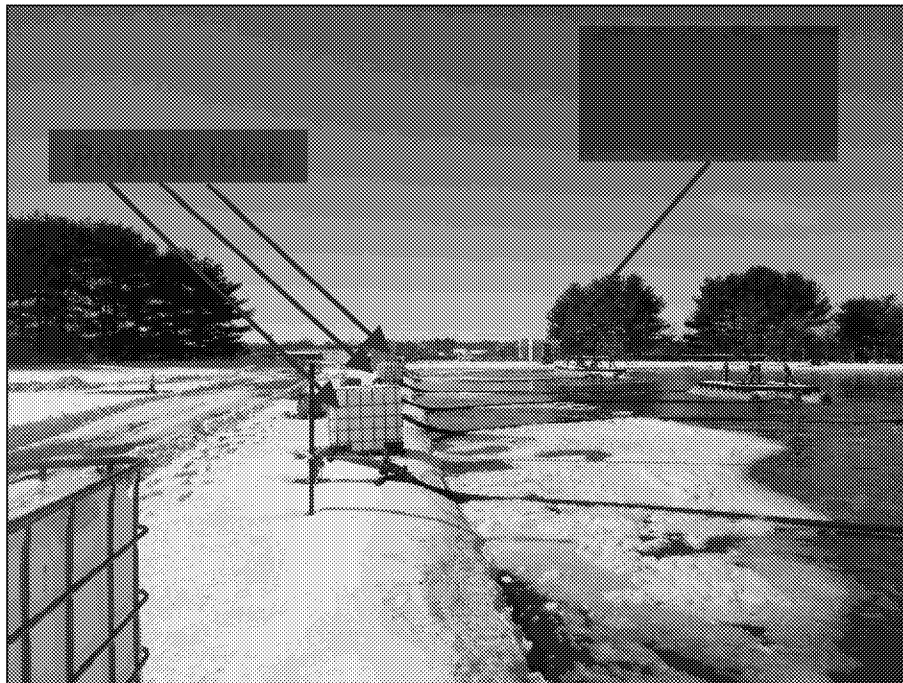
**Photograph 21.** View of solids flowing over the weir in Clarifier #4.



**Photograph 22.** View of the Clarifiers #3 and #4 splitter box where PAC and polymer are added and mixed.



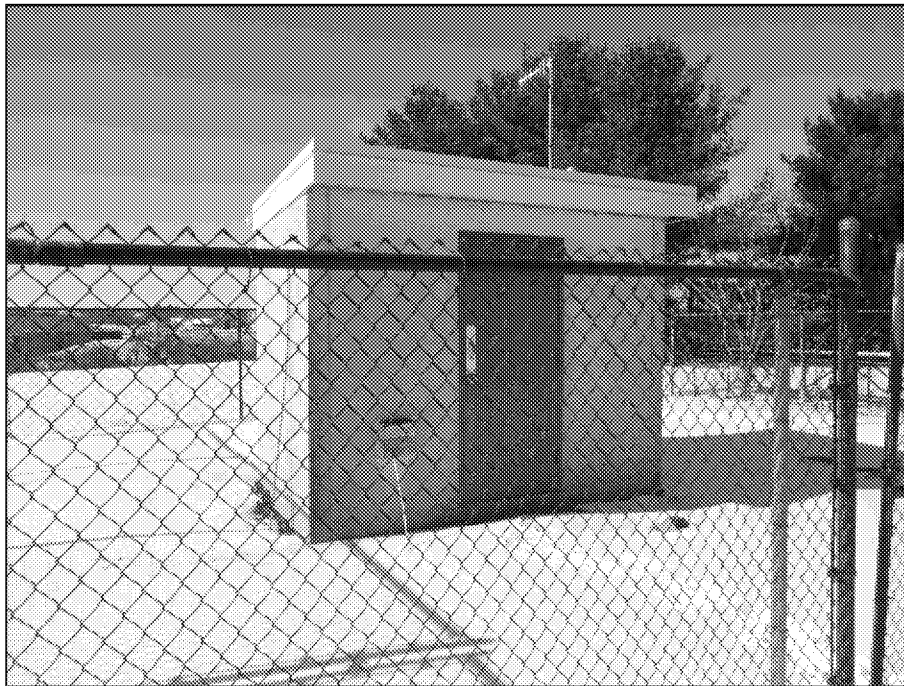
**Photograph 23.** View facing northwest of barge aerators in Lagoon #1.



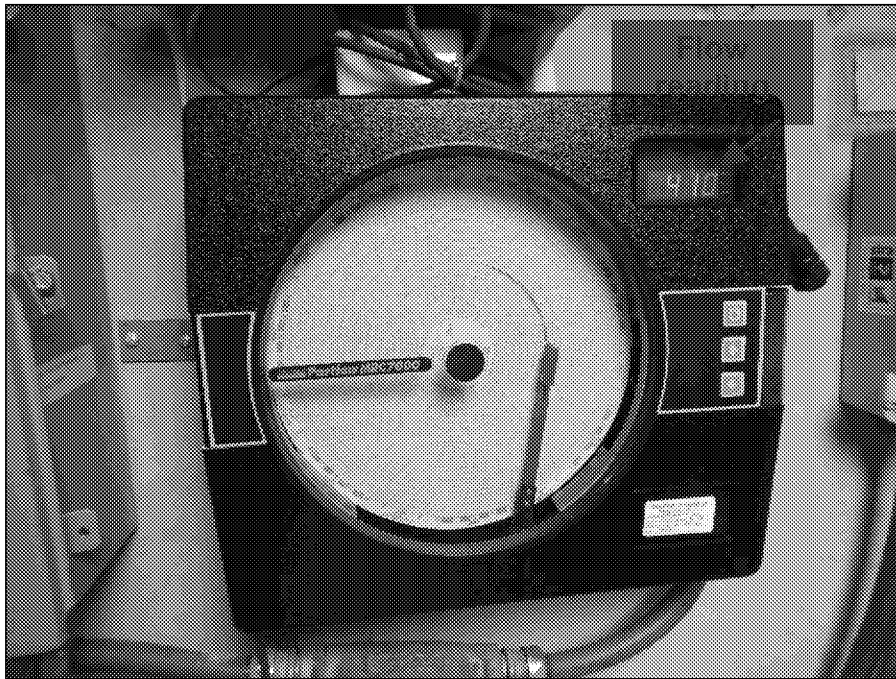
**Photograph 24.** View facing west of totes used for polymer addition at the south end of Lagoon #1.



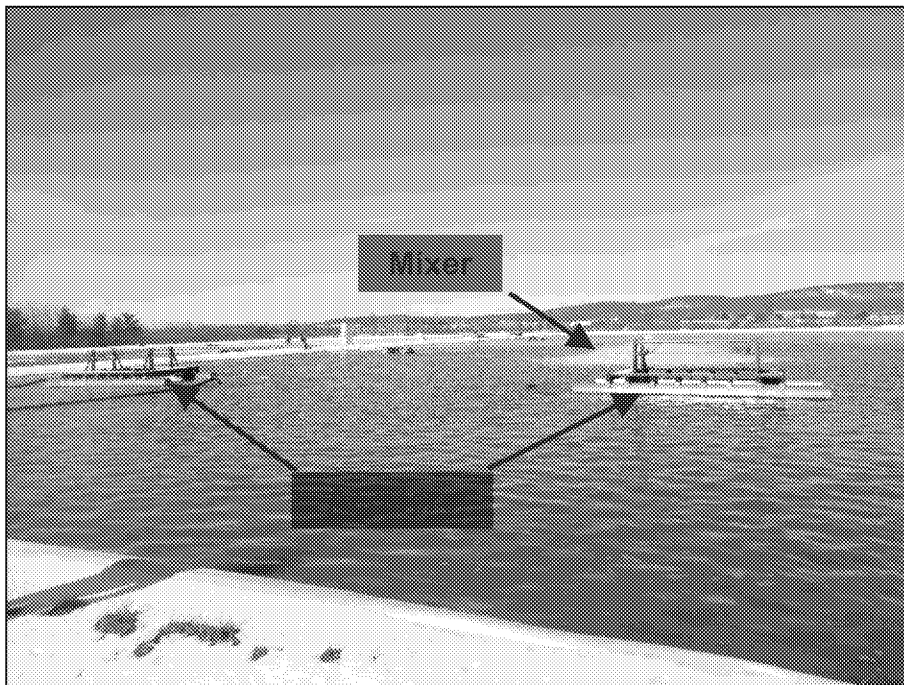
**Photograph 25.** View facing south of north end of Lagoon #1. Note that this area of the lagoon was frozen at the time of the inspection.



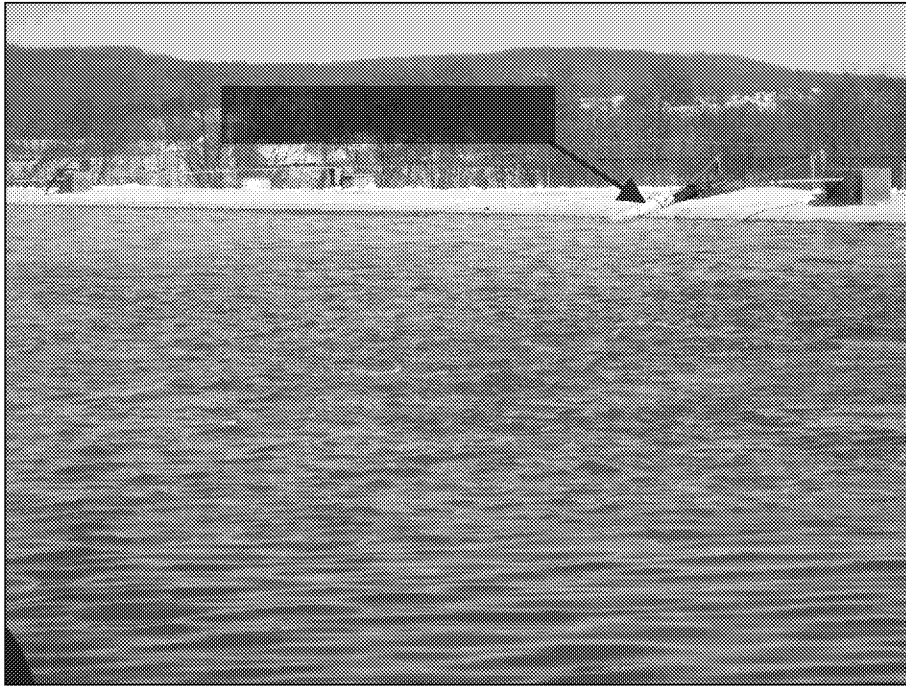
**Photograph 26.** View of the pump house used for monitoring and directing flow to the Penn Township WWTP.



**Photograph 27.** View of the flow meter in the pump house shown in Photograph 26. The Facility was pumping pretreated industrial wastewater to Penn Township at a rate of approximately 410,000 gallons per day at 12:18 p.m. on the day of the inspection.



**Photograph 28.** View facing northwest of Lagoon #2.



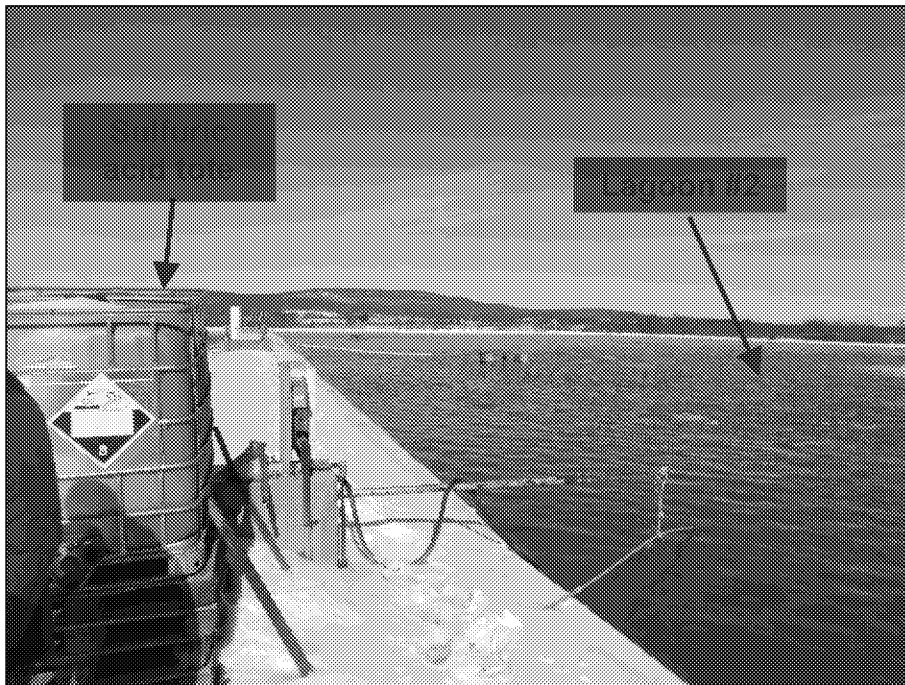
**Photograph 29.** View facing northeast of the cooling water line coming into the east perimeter of Lagoon #2.



**Photograph 30.** View of the cooling water pump and magmeter vaults, located close to the WWTF headworks building.



**Photograph 31.** View inside the cooling water magnetometer vault. Note that the vault was flooded, and the surface of the water was steaming.



**Photograph 32.** View of the sulfuric acid tote used to help control pH in Lagoon #2.



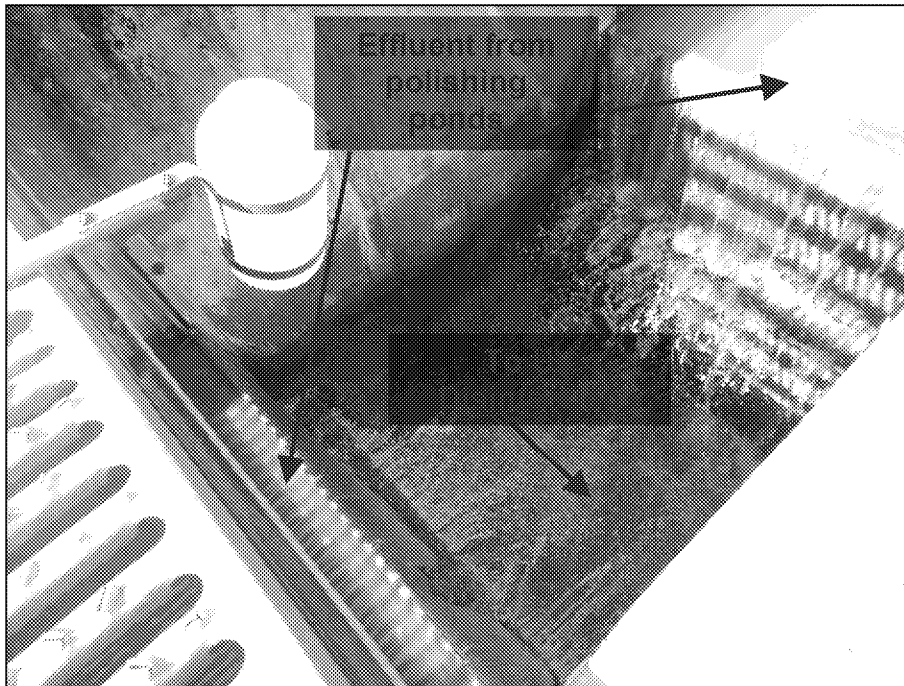
**Photograph 33.** View inside the effluent discharge riser for Lagoon #2. Note that the effluent appeared turbid.



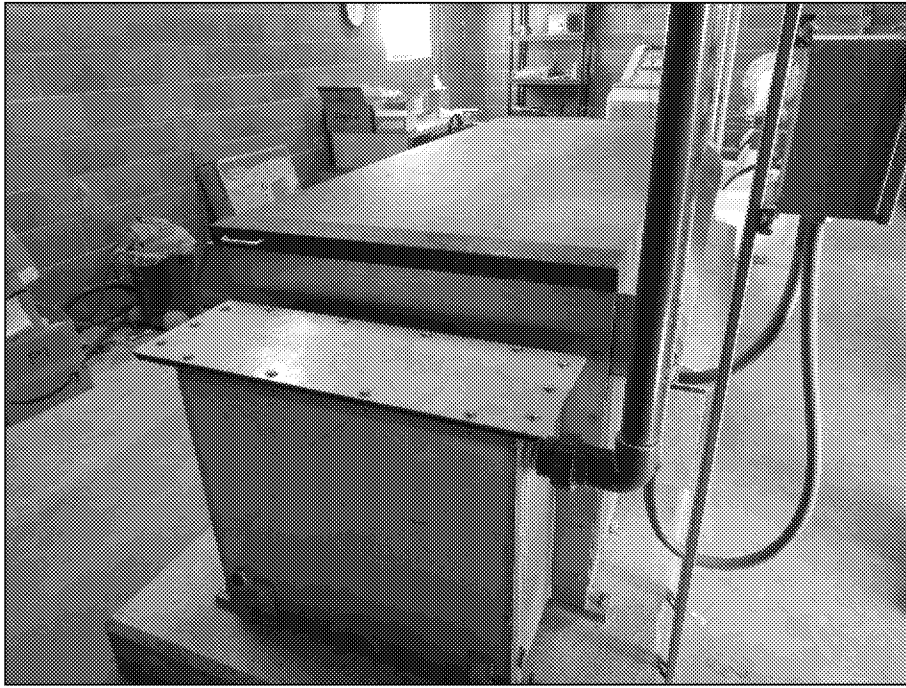
**Photograph 34.** View Polishing Pond #1.



**Photograph 35.** View of Polishing Pond #2.



**Photograph 36.** View the polishing ponds effluent chamber. Note that the effluent appeared turbid.



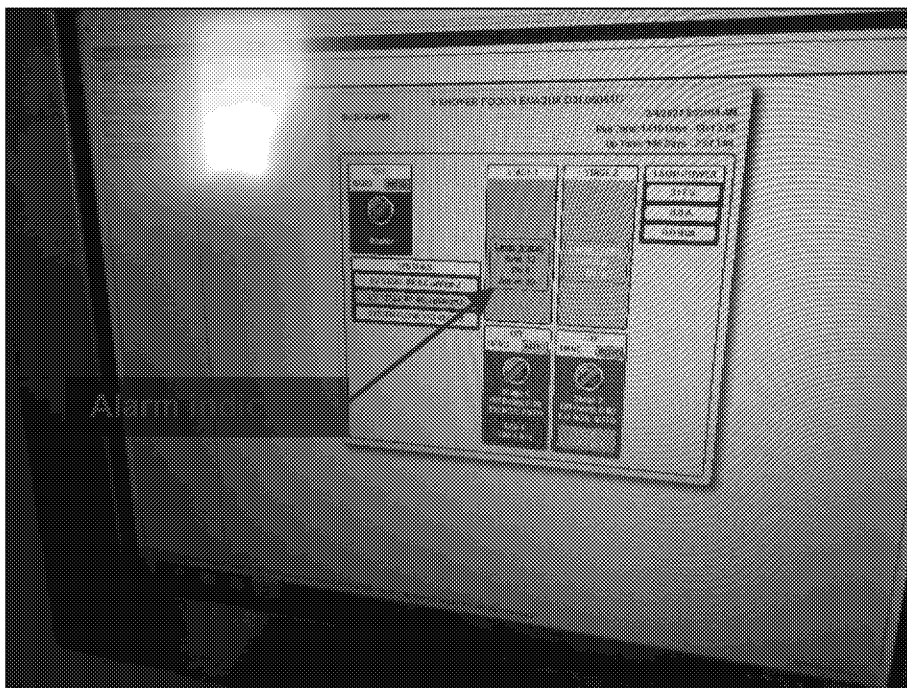
**Photograph 37.** View of the UV disinfection system.



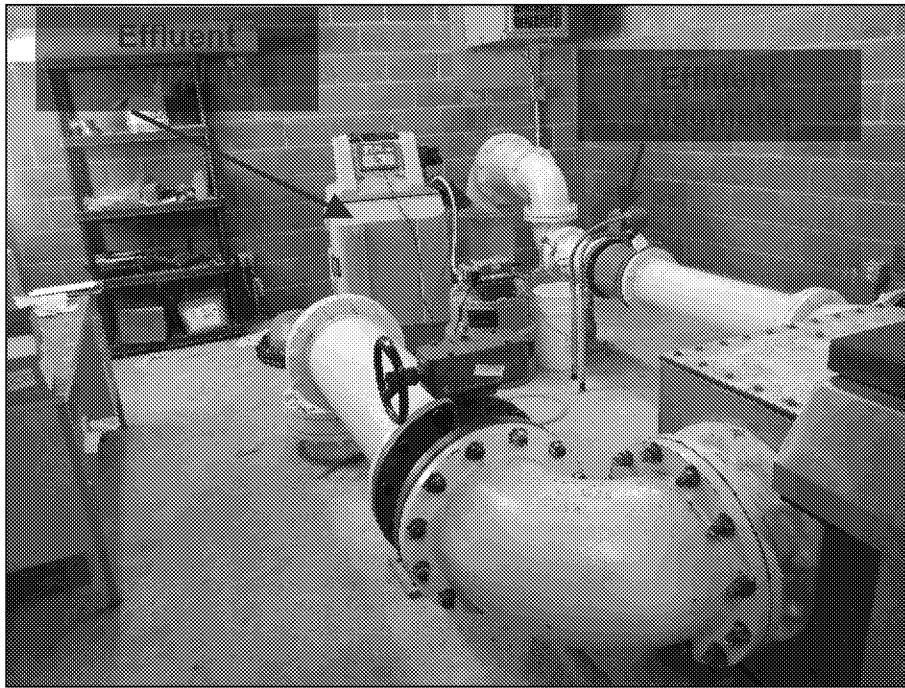
**Photograph 38.** View the UV light banks. Note that many of the lamp indicators were red, yellow, or flashing, indicating potential issues.



**Photograph 39.** View of UV lamp status indicators.



**Photograph 40.** View of the UV system interface showing 29 alarms for the stage 1 lamps.



**Photograph 41.** View of the effluent sampler and magmeter, located in the UV building.



**Photograph 42.** View of the Outfall 001 discharge to Oil Creek. Note the creek was cloudy and turbid at the point of discharge and sphaerotilus bacterial growth was observed in the vicinity.